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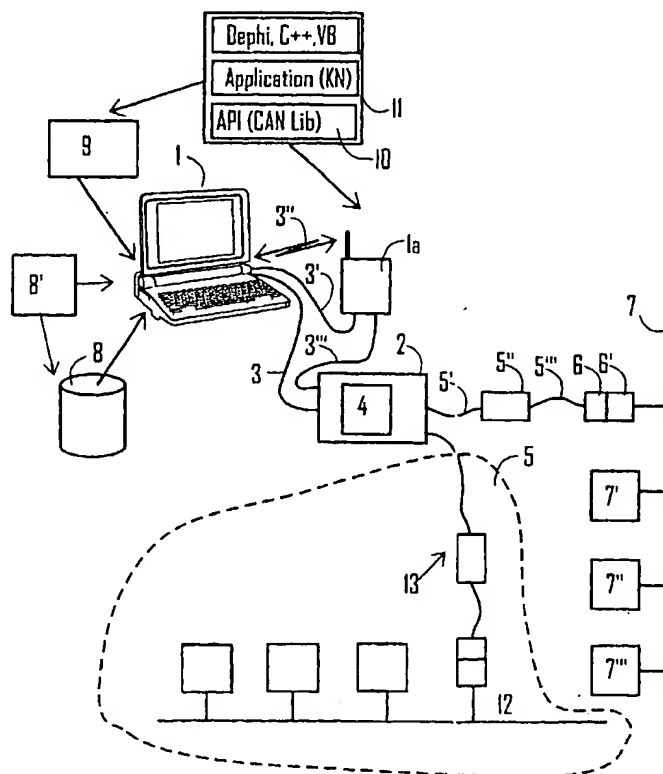
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(54) Title: **ARRANGEMENT FOR DISTRIBUTED CONTROL SYSTEM, FOR EXAMPLE IN VEHICLES**



(57) Abstract: In an arrangement, functions and/or structures in a distributed control system (24) that works with a first protocol (28) are analysed and/or monitored. A first unit (23) is connected or can be connected to the control system, which first unit, due to its compatibility with the first protocol, receives and/or sends task instructions concerning the functions and/or structures. The first unit comprises or is connected to a second unit (22) and transforms at least those parts in the first protocol that relate to the task instructions concerning the functions and/or structures into a second protocol, by means of which the said tasks can be initiated and/or carried out in a tool arrangement (1) that is comprised in or can be connected to the second unit. This tool arrangement works with the second protocol, whereby primary readings and/or modifications in the first protocol on the basis of the analysis and/or monitoring can be carried out by means of secondary readings and/or modifications in the second protocol. The analysis and monitoring are simplified and tools and protocol - handling can be separated. In addition, time functions in the system(s) can be made unambiguous.